

Title (en)

STEERING CONTROLLER FOR VEHICLE WITH LIMITED TARGET STEERING ANGLE

Title (de)

LENKSTEUERUNG FÜR FAHRZEUG MIT BEGRENZTEM SOLLLENKWINKEL

Title (fr)

UNITÉ DE COMMANDE DE DIRECTION POUR VEHICULE AVEC ANGLE DE DIRECTION CIBLE LIMITE

Publication

**EP 1810912 A1 20070725 (EN)**

Application

**EP 05795333 A 20051018**

Priority

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Abstract (en)

In a vehicle equipped with a power steering device for assisting the steering of the steered wheels by the steering wheel, when the steering angle of the steered wheels reaches the maximum steering angle, a steering control device restricts a target steering angle for operating the power steering device so that the steering angle or a reaction force acting against the power steering device does not exceed a value determined therefor, so to maintain the steering condition of the steered wheels stably without applying an excessive load on the power steering device. The target steering angle may be calculated as a value based upon rotational angle of the steering wheel and turning behavior control of the vehicle.

IPC 8 full level

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CPC (source: EP KR US)

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